



National Weather Service

Storm Data and Unusual Weather Phenomena



July 1999

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, South

White County Central Portion

01 1145CST 1300CST 0 0 Flash Flood

Thunderstorms produced heavy rain over ground that was very moist from heavy June rains. The storms tended to regenerate over the same areas, causing estimated rainfall rates of 1 to 2 inches per hour. The heaviest rain fell from the Carmi area east to the Wabash River.

Edwards County Countywide

01 1345CST 1645CST 0 0 Flash Flood

Wabash County Countywide

01 1345CST 1645CST 0 0 Flash Flood

Wayne County Countywide

01 1345CST 1645CST 0 0 Flash Flood

A large area of slow-moving thunderstorms over saturated ground caused flooding problems. Rainfall estimates ranged upwards of 2 inches in 2 hours. Sheriff personnel reported some flooding of secondary roads in Wabash County, as well as State Route 15 a few miles west of Mt. Carmel.

ILZ076

Wayne
03 0200CST 0 0 Flood
04 0600CST

The Skillet Fork River slightly exceeded the flood stage of 15 feet at Wayne City. It crested at 16.7 feet, which caused some minor flooding of low-lying agricultural areas. The flooding was caused by thunderstorms associated with a slow-moving cold front. The ground was already nearly saturated from heavy June rains.

Wayne County North Portion

09 1800CST 2030CST 0 0 5K Flash Flood

Persistent thunderstorm activity produced heavy rainfall, with estimates up to 2 inches per hour northwest of Fairfield. This rain fell on very moist ground, causing some runoff problems. A secondary road was closed near the Clay County line due to high water. Route 45 north of Cisne and Route 161 near Johnsonville also had water over them, but they were not closed.

ILZ075>078-080>094 Jefferson - Wayne - Edwards - Wabash - Perry - Franklin - Hamilton - White - Jackson - Williamson - Saline - Gallatin - Union - Johnson - Pope - Hardin - Alexander - Pulaski - Massac

18 1300CST 4 0 Excessive Heat
31 2359CST

Prolonged heat and humidity during the latter half of July took its toll on the unprepared. Four fatalities were blamed on the heat, including two in Wayne County. Near Fairfield, a 78-year-old man died after driving his riding lawn mower to a trucking firm to gather landscape rocks. The man was found near a pile of rocks he had been gathering in 95-degree heat. Near Mount Erie, an 85-year-old man was found dead in his home. The windows were closed, and there was no air conditioning. Elsewhere in southern Illinois, a 53-year-old migrant worker died while laboring in a field near Shawneetown in Gallatin County. The man died at an Evansville hospital after suffering a heat stroke. The fourth death occurred in the Ohio River city of Metropolis, where an 82-year-old woman was found dead in her bathroom. This was the first time in his tenure as Massac County coroner that the cause of death was ruled as heat exhaustion. The woman did not use a fan in the house, and the indoor temperature was measured at 98 degrees. Daily highs were near 100 degrees on the 29th and 30th, with afternoon heat indices from 110 to 115 degrees. At Paducah, Kentucky, across the Ohio River from Metropolis, this was the fifth warmest July on record. M53OU, F82PH, M78OU, M85PH

Wayne County Countywide

24 0400CST 0530CST 0 0 Urban/Sml Stream Fld

An area of thunderstorms continually regenerated over the county, producing an extended period of heavy rain lasting 3 to 4 hours. Rainfall estimates ranged up to 2.5 inches in 4 hours. Standing water and runoff problems occurred, mainly from Fairfield northwest to Zenith and Enterprise.

INDIANA, Southwest

Gibson County Countywide

01 1145CST 1645CST 0 0 5K Flash Flood

Thunderstorms produced heavy rain over ground that was very moist from heavy June rains. The storms tended to regenerate over the same areas, causing estimated rainfall rates of 1 to 2 inches per hour. Sheriff personnel reported flooding on numerous secondary roads and State Route 64 east of Princeton. Two feet of water was over U.S. Highway 41 just south of Princeton. The heaviest rain fell over central and southern portions of the county.



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INDIANA, Southwest

Posey County North Portion

01 1230CST 1400CST 0 0 Flash Flood

Vanderburgh County North Portion

01 1230CST 1400CST 0 0 Flash Flood

Warrick County Northwest Portion

01 1230CST 1400CST 0 0 Flash Flood

A large area of slow-moving thunderstorms produced locally torrential rainfall. Estimates of up to 2 inches in 2 hours were noted. The storms remained concentrated over the northern half of Posey County, far northern Vanderburgh County, and the northwest corner of Warrick County.

Pike County Countywide

01 1230CST 1645CST 0 0 Flash Flood

A large area of slow-moving thunderstorms produced heavy rainfall, estimated up to 2 inches in 2 hours. This heavy rain fell on ground that was nearly saturated from heavy June rains. Along Highway 64 between Winslow and Oakland City, water was reported overflowing ditches and reaching road level. The heaviest rain fell over southern and central parts of the county.

INZ081>082-085>088

Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer
18 1200CST 0 0 Excessive Heat
31 2200CST

Prolonged heat and humidity set in around mid month and continued through the latter half of July. High temperatures were in the 90s for the last 14 days of the month, including a 98-degree reading on the 30th. High humidity sent afternoon heat indices to between 105 and 115 degrees. A Heat Advisory was in effect for over a week. Power usage approached or exceeded record levels. There was a slight increase in emergency room visits for heat exhaustion.

KENTUCKY, Southwest

Calloway County 5 S Murray to 1 NW New Concord

01 1842CST 1853CST 9 400 0 0 100K Tornado (F1)

The tornado formed along U.S. Highway 641 about 5 miles south of Murray and tracked east into the New Concord area. The tornado was rated F-1 intensity with top winds near 110 MPH. Numerous trees were uprooted or snapped off along the path of the tornado. Some of the trees fell on utility lines, vehicles, and buildings. The area was sparsely populated, so damage was relatively light considering the path length and width. At least a dozen or so homes received some damage, mostly light roof or siding damage. There was moderate damage to at least a couple homes. Several barns were damaged. At one residence, a porch was damaged, along with other items such as a television antenna, fence, and swimming pool. Sheet metal from a barn was blown into treetops.

Trigg County Cadiz

01 1925CST 0 0 3K Thunderstorm Wind (G52)

Several trees were blown down near Cadiz.

Christian County Hopkinsville

01 1935CST 0 0 Thunderstorm Wind (G50)

A couple of trees were blown down.

Todd County Countywide

02 0945CST 1045CST 0 0 20K Flash Flood

Slow-moving, nearly stationary thunderstorms dumped extremely heavy rain over central and southern parts of Todd County. Estimates ranged up to 4 inches in 2 hours. An unofficial measurement of 6.5 inches was reported just north of Elkton. Numerous creeks and streams were out of their banks, with many road closures.

KYZ001>022

Fulton - Hickman - Carlisle - Ballard - Mcracken - Graves - Livingston - Marshall - Calloway - Crittenden - Lyon - Trigg - Caldwell - Union - Webster - Hopkins - Christian - Henderson - Daviess - Mclean - Muhlenberg - Todd
18 1300CST 1 0 Excessive Heat
31 2359CST

Excessive heat and humidity during the latter half of July took a toll on the unprepared. In Hopkinsville, a 75-year-old man died in his home as a result of hyperthermia. The single window air conditioner in the house was inoperative, allowing the indoor temperature to reach 120 degrees. All of the windows were closed, and some were boarded up. The unrelenting heat triggered all-time peak-usage records at several Kentucky utilities, including the Paducah and Owensboro power systems. Some minor related



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KENTUCKY, Southwest

outages were reported. The weather increased heat-related hospital visits, primarily for heat exhaustion. Shelters were opened at a few locations, and charities distributed free fans to the needy. Western Kentucky was under a Heat Advisory for over a week. High temperatures reached 100 degrees at Paducah on the 29th and 30th, with afternoon heat indices commonly from 110 to 115 degrees. This was the fifth warmest July on record at Paducah. M75PH

Calloway County
2 E Murray

24 1340CST 0 0 4K Thunderstorm Wind

Several trees were blown down.

MISSOURI, Southeast

**MOZ076-086>087-100-
107>112-114**

Perry - Bollinger - Cape Girardeau - Wayne - Carter - Ripley - Butler - Stoddard - Scott - Mississippi - New Madrid

18 1300CST 1 0 Excessive Heat
31 2359CST

Prolonged excessive heat and humidity took a toll on the unprepared. In Cape Girardeau County at Gordonville, a 69-year-old man died from heat causes. The man died outdoors while spending the entire day outdoors repairing a fence. The exact cause of death was listed as complete vascular collapse due to heat exposure. High temperatures were around 100 degrees during the last few days of the month, with heat indices peaking between 110 and 115 degrees. A Heat Advisory was posted for over a week. The American Red Cross opened heat shelters in Cape Girardeau and Scott Counties, but usage was minimal. Hundreds of fans were distributed to those in need. M69OU

Butler County
Poplar Bluff

27 1300CST 0 0 6K Thunderstorm Wind (G50)

A thunderstorm uprooted a couple of medium size trees and blew down numerous tree limbs. A large sign was blown down.